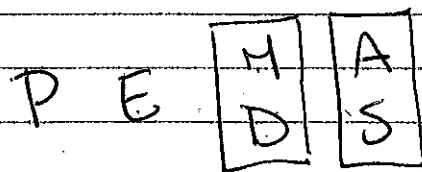


Notes 9/17

Order of Operations



Work from left \rightarrow right

✓ Square roots are really exponents! (E)

because $\sqrt{a} = a^{\frac{1}{2}}$

Translating Expressions

product	\times, \cdot	(multiply)	
quotient	$\div, /$	(divide)	"the quantity"
sum	$+$	(add)	$()$
difference	$-$	(subtract)	

■ Be careful! "4 less than"
_____ - 4 goes at the end!

■ (\sim) , then
 \rightarrow put $()$ around everything before then

■ A fraction bar has implied parentheses on top and bottom!

Ex: $\frac{4+n}{5}$ You do it like $\frac{(4+n)}{(5)}$